

AMENDMENTS TO THE CLAIMS

Please amend claims 2 – 4, cancel claims 1, 5 and 6, and add new claims 7 and 8, as set forth in the listing of claims that follows:

1. (Canceled)

2. (Currently Amended) An elastomeric bladder assembly according to Claim 1 Claim 7, wherein said first sheet of elastomeric material has a thickness of approximately 0.375 mm (0.015 inch) and said second sheet of elastomeric material has a thickness of approximately 1.50 mm (0.60 inch).

3. (Currently Amended) An elastomeric bladder assembly according to Claim 2, wherein said first sheet ~~is an upper sheet~~ forms the upper load bearing surface of said bladder.

4. (Currently Amended) An elastomeric bladder assembly according to Claim 2, wherein said first sheet ~~is a lower sheet~~ forms the lower load bearing surface of said bladder.

5. (Canceled)

6. (Canceled)

7. (New) A fluid-filled elastomeric bladder assembly adapted for disposition in a vehicle seat intermediate an occupant load bearing seat cushion and an underlying spring suspension structure for occupant weight estimation, said fluid-filled elastomeric bladder assembly comprising:

a first sheet of relatively thin elastomeric material;

a second sheet of relatively thick elastomeric material, said first and second sheets peripherally joined to form a closed bladder and defining a volume therebetween for filling with a fluid, said sheets of elastomeric material forming upper and lower load bearing surfaces;

a port extending through the sheet defining said lower load bearing surface, said port adapted for fluid communication with a fluid pressure sensor; and

an interface panel disposed adjacent the load bearing surface formed by the first sheet of elastomeric material.

8. (New) The elastomeric bladder assembly of claim 7, further comprising at least one interperipheral spot weld locally joining said first and second sheets of elastomeric material.